

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-20 (Canceled)

21. (New) An intraluminal device comprising:

a tubular body having a length, the tubular body having a pre-determined non-linear shape and the tubular body further comprising a first end and at least one second end;

wherein the diameter of the tubular body is wider at the first end and wherein the first end is angled such that when viewed in a vertical cross sectional plane, a portion of the tubular body extends outwardly longitudinally a distance greater than the remainder of the first end; and

wherein the first end has an opening that is non circular.

22. (New) The intraluminal device of claim 21, wherein said pre-determined shape corresponds with a shape of a non-linear shaped portion of a vessel to house the device.

23. (New) The intraluminal device of claim 22, wherein the tubular body is curved along the length between the first and the at least one second end.

24. (New) The intraluminal device of claim 23, where the tubular body further comprises a sigmoid curve disposed along its length between the first and the at least one second end.

25. (New) The intraluminal device of claim 21, wherein the tubular body further comprises at least one supplemental graft overlapped with the second end of the tubular body.

26. (New) The intraluminal device of claim 21, wherein the tubular body is bifurcated at the second end and has two bifurcated limbs.

27. (New) The intraluminal device of claim 26 wherein the tubular body further comprises at least one supplemental graft overlapped with one of the bifurcated limbs.

28. (New) The intraluminal device of claim 21, wherein the tubular body further comprises a curvature along its length in an anterior-posterior plane.

29. (New) The intraluminal device of 21, wherein the tubular body further comprises a curvature along its length in a lateral plane.

30. (New) The intraluminal device of claim 21, wherein the tubular body further comprises a curvature along its length in both an anterior-posterior plane and a lateral plane.

31. (New) The intraluminal device of claim 21, further comprising a unitary graft assembly angled by cutting to facilitate curvature of the tubular graft body.

32. (New) The intraluminal device of claim 21, wherein the tubular body further comprises a first, unexpanded shape and a second expanded, pre-determined, non-linear shape.

33. (New) The intraluminal device of claim 21, wherein the tubular body comprises a graft body which is reinforced along its length by a plurality of separate, spaced apart wires that are interwoven into the graft body.

34. (New) The intraluminal device of claim 21, wherein the tubular body is longitudinally reinforced by a longitudinally reinforcing wire.

35. (New) An intraluminal device delivery system comprising:

An intraluminal device comprising:

a tubular body having a length, the tubular body having a pre-determined non-linear shape and the tubular body further comprising a first end and at least one second end;

wherein the diameter of the tubular body is wider at the first end and wherein the first end is angled such that when viewed in a vertical cross sectional plane, a portion of the tubular body extends outwardly longitudinally a distance greater than the remainder of the first end; and

wherein the first end has an opening that is non circular; and

an intraluminal delivery catheter having a length, wherein the catheter is configured such that it is slightly curved along its length in at least one of an anterior-posterior plane or a lateral plane.

36. (New) A method for delivering and emplacing an intraluminal device, the method comprising:

determining the shape of at least a portion of a vessel of a patient by imaging;

providing an intraluminal device having a pre-determined non-linear shape which corresponds to the shape of the vessel or vessel portion;

radially compressing the intraluminal device and placing the device within a catheter or other delivery device;

introducing the catheter or other delivery device into the vessel an artery of a patient when the intraluminal device is in a radially compressed state;

causing the intraluminal device to be moved through the catheter until the intraluminal device extends into the vessel from a proximal end of the catheter;

allowing the intraluminal device to expand; and,

withdrawing the catheter or other delivery device along with any other apparatus used to introduce the intraluminal device into the vessel.

37. (New) The method of claim 36, wherein the intraluminal device continues to abut against the surrounding wall of the vessel while the vessel deviates from its normal path.

38. (New) The method of claim 36, wherein the determining the shape step comprises imaging at least a portion of the vessel by at least one of ultrasound, plain abdominal films and CT scanning.

39. (New) The method of claim 36, wherein the radially compressing step comprises radially compressing the intraluminal device so that it takes on a linear shape.

40. (New) The method of claim 39, wherein the allowing the intraluminal device to expand step comprises allowing the intraluminal device to expand and take on its pre-determined configuration.